

## MODULE 1:

# An Overview of NOAA Education



## NOAA's Mission

### ***Science, Stewardship, and Service***

- Understand and predict changes in climate, weather, oceans, and coasts;
- Share that knowledge and information with others; and
- Conserve and manage coastal and marine ecosystems and resources.



# One of Many Bureaus in DOC

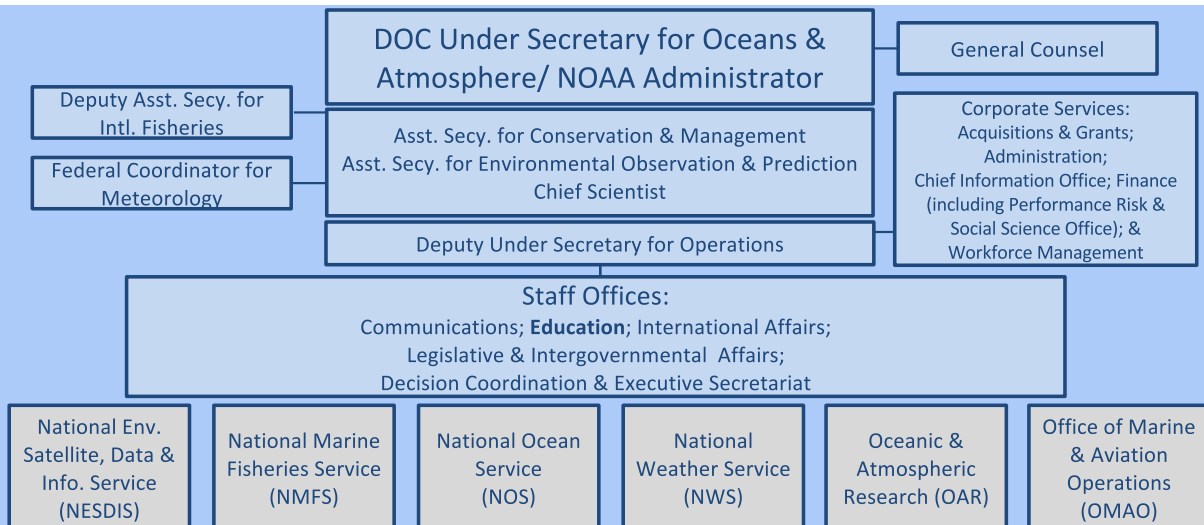
## US Department of Commerce (<http://www.commerce.gov>)

- Bureau of Economic Analysis (BEA)
- Bureau of Industry and Security (BIS)
- U.S. Census Bureau (Census)
- Economic Development Administration (EDA)
- Economics and Statistics Administration (ESA)
- International Trade Administration (ITA)
- Minority Business Development Agency (MBDA)
- National Institute of Standards and Technology (NIST)
- **National Oceanic and Atmospheric Administration (NOAA)**
- National Technical Information Service (NTIS)
- Operation National Telecommunications and Information Administration (NTIA)
- Operation Office of the Secretary (OS)
- United States Patent and Trademark Office (USPTO)

To learn more about NOAA's history, visit <http://www.history.noaa.gov/>



## Organization of Major Offices





# Major Education Offices of NOAA

## Line Offices:

National Env.  
Satellite, Data &  
Info. Service  
(NESDIS)

National Marine  
Fisheries Service  
(NMFS)

National Ocean  
Service  
(NOS)

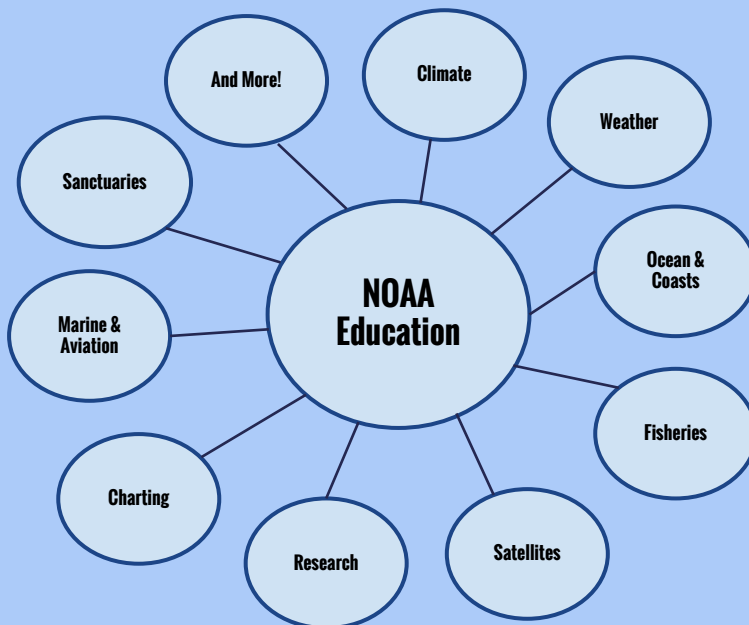
National  
Weather Service  
(NWS)

Oceanic &  
Atmospheric  
Research (OAR)

Office of Marine  
& Aviation  
Operations  
(OMAO)

## Staff Offices:

Communications, **Education**, International Affairs,  
Legislative & Intergovernmental Affairs, Office of General  
Counsel, Office of the Federal Coordinator of Meteorology



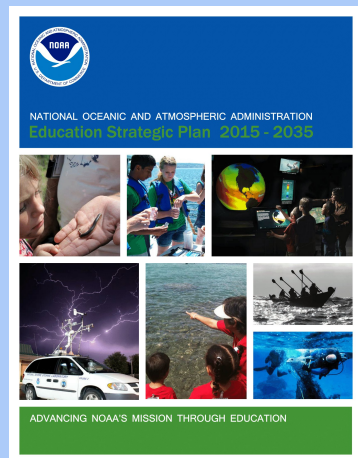
Where  
NOAA  
Works





## A Mandate to Educate

- The America COMPETES Act
- 20-Year Strategic Plan
  - Critical goals and objectives
  - Updated every 5 years





# Advancing NOAA's Mission Through Education

## Education Vision

An informed society that uses ocean, coastal, Great Lakes, weather, and climate science to make the best social, economic and environmental decisions.

## Education Mission

To educate and inspire the Nation to use science toward improving ocean and coastal stewardship, increasing safety and resilience to environmental hazards, and preparing a future workforce to support NOAA's mission.



# Foundation for NOAA Education

- To serve NOAA's mission through:
  - Formal and Informal Education
  - Grants
  - Outreach
  - Scholarships
  - Fellowships
  - Partnerships



# NOAA EDUCATION COUNCIL

ADVANCING NOAA'S MISSION THROUGH EDUCATION AND OUTREACH



## Council Overview

- Formed in 2003 - recommended by NOAA's Science Advisory Board
- 16 senior staff members from NOAA line, program, and staff offices
  - Represent sustained, significant education programs
  - Support from NOAA leadership
- Members are based throughout the country
- Chair: Director of NOAA Education
- Vice Chair: Deputy Director, Office of Education
- Executive Secretariat: Office of Education





## Ed Council Membership

- NOAA Satellites
- NOAA Fisheries
- National Weather Service
- Warning Coordination Meteorologists
- National Ocean Service
- NOAA Research
- NOAA's Teacher at Sea Program
- Bay Watershed Education and Training
- Office for Coastal Management
- Coral Reef Conservation Program (inactive)
- Office of National Marine Sanctuaries
- Climate Program Office
- Ocean Exploration and Research
- National Sea Grant College Program
- Office of Education- Higher Education
- Office of Education - K-12 & Informal Education



## Council Overview

- Monthly meetings with presentations from Council members, field educators, and external partners
- Supports NOAA's mission by educating the public about NOAA science in support of healthy ecosystems, communities, and economies
- Implements NOAA's Education Strategic Plan 2015-2035
  - Broad collaboration across the agency
  - Tracks progress toward NOAA's Education strategic plan goals



## Next up...

Module 2	NOAA Education Strategic and Implementation Plans & Monitoring Progress
Module 3	NOAA Satellites, National Weather Service, NOAA Fisheries and the Teacher at Sea Program
Module 4	National Ocean Service including Office for Coastal Management, Office of National Marine Sanctuaries, National Estuarine Research Reserve System,
Module 5	Office of Oceanic & Atmospheric Research, including Climate Program Office, National Sea Grant Office, & Office of Ocean Exploration
Module 6	Bay-Watershed Education & Training Program, Ocean Acidification Program, & the Ocean and Climate Literacy Initiatives.
Module 7	Office of Education's Programs including Educational Partnership Program, Hollings Scholarships, Environmental Literacy Program, the NOAA Outreach Center, & <a href="http://education.noaa.gov">education.noaa.gov</a>